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DIRECT READING RODS

DEALER PRICE LIST • JANUARY 2009

DIRECT READING RODS & ACCESSORIES

ANY COMBINATION WITHIN EACH CATEGORY QUALIFIES FOR QUANTITY PRICING

	ITEM		RETAIL	1-5	6-10	11 +
	LASER RODS					
	GR 1000	10 foot • tenths plus cut/fill	$185.00	$133.20	$120.25	$116.55
	GR 1000T	10 foot • tenths	$185.00	$133.20	$120.25	$116.55
	GR 1000I	10 foot • inches	$185.00	$133.20	$120.25	$116.55
	GR 1000ICF	10 foot • inches • cut/fill only	$185.00	$133.20	$120.25	$116.55
	GR 1000IT	10 foot • inches • tenths	$185.00	$133.20	$120.25	$116.55
	GR 1000M	3 meter	$185.00	$133.20	$120.25	$116.55
	GR 1000MCF	3 meter plus cut/fill	$185.00	$133.20	$120.25	$116.55
	GR 1450	15 foot • tenths plus cut/fill	$260.00	$187.20	$169.00	$163.80
	GR 1450T	15 foot • tenths	$260.00	$187.20	$169.00	$163.80
(NEW)	GR 2000T	20 foot • tenths	$355.00	$255.60	$230.75	$223.65
	GR 1450M	5 meter	$260.00	$187.20	$169.00	$163.80
	GR 1450MCF	5 meter plus cut/fill	$260.00	$187.20	$169.00	$163.80
	OPTICAL RODS					
	GR 10T	10 foot • tenths	$165.00	$118.80	$107.25	$103.95
	GR 10I	10 foot • inches	$165.00	$118.80	$107.25	$103.95
	GR 15T	15 foot • tenths	$240.00	$172.80	$156.00	$151.20
(NEW)	GR 20T	20 foot • tenths	$335.00	$241.20	$217.75	$211.05
	GR 10M	3 meter	$165.00	$118.80	$107.25	$103.95
	GR 15M	5 meter	$240.00	$172.80	$156.00	$151.20
	ROD EXTENSION					
	EX	10 foot/3 meter 4-Foot Rod Extension	$65.00	$46.80	$42.25	$40.95
		Or specify **Grade Rod order** as "EX" after Rod part number (Example: GR 1000EX or GR 10TEX) and the **Grade Rod** will be shipped with the 4-Foot Rod Extension installed.				
	SCREW PACK					
	1100-1201	Screw pack	$4.50	$3.60		
		Includes 1100-1200A 6mm screw; 1100-1300A 1032 screw; 1100-1400A 1/4-20 screw.				
	CARRYING BAGS					
	1000-1301-SHORT	10 foot & 3 meter	$35.00	$25.20	$22.05	$21.35
	1000-1302-LONG	15 foot & 5 meter	$38.00	$27.36	$23.94	$23.18
	ITEM		**RETAIL**			**1 +**
	REPLACEMENT TAPES					
	1000-1023	10 foot • tenths plus cut/fill	$60.00			$39.00
	1000-1026	10 foot • tenths	$60.00			$39.00
	1000-1036	10 foot • inches • cut/fill only	$60.00			$39.00
	1000-1037	10 foot • inches • tenths	$60.00			$39.00
	1000-1038	10 foot • inches	$60.00			$39.00
	1000-1501	15 foot • tenths plus cut/fill	$90.00			$58.50
	1000-1504	15 foot • tenths	$90.00			$58.50
	1000-1035	3 meter plus cut/fill	$60.00			$39.00
	1000-1024	3 meter	$60.00			$39.00
	1000-1503	5 meter plus cut/fill	$90.00			$58.50
	1000-1502	5 meter	$90.00			$58.50
(NEW)	1000-1520	20 foot • tenths	$120.00			$78.00

DIRECT READING RODS

HIGHEST QUALITY - LARGEST SELECTION

LASER/OPTICAL

TOUGH — LIGHTWEIGHT — VERSATILE

BUILT IN REDMOND, OREGON
U.S.A

FEATURES

Aluminum front and rear rods.
Made of high strength clear anodized aluminum for lightweight, rugged, dependable operation. They will not rust, split, splinter, swell or warp in any environment.

Tape has heavy duty matte textured face.
Easy on the eyes in bright sunlight.
Protects the tape numbers from wear and fading.

Tape lock grommets are oversized,
heavy duty brass. Greatly minimizes the problem of tape tearing.

Detector rail is black, high density, U.V. stabilized for long life.
Specifically designed to not become brittle when exposed to ultraviolet rays or direct sunlight.

Solid tape lock with internal brake slide.
Stronger, trouble-free operation.

Tape lock pin cannot puncture tape.
Designed not to tear, puncture or rip tape when pushed against tape face instead of the grommet hole.

DuPont nylon parts.
Tough and rugged for long-lasting life. Same material used for ski bindings and motorcycle parts.

DIRECT READING ROD MODELS

THE LARGEST SELECTION AVAILABLE FOR LASER OR OPTICAL INSTRUMENTS!

LASER RODS

GR 1000: 10-foot • tenths plus cut/fill	**GR 1000MCF:** 3-meter plus cut/fill
GR 1000T: 10-foot • tenths	**GR 1450:** 15-foot • tenths plus cut/fill
GR 1000I: 10-foot • inches	**GR 1450T:** 15-foot • tenths
GR 1000ICF: 10-foot • inches • cut/fill only	(NEW) **GR 2000T:** 20-foot • tenths
GR 1000IT: 10-foot • inches • tenths	**GR 1450M:** 5-meter
GR 1000M: 3-meter	**GR 1450MCF:** 5-meter plus cut/fill

OPTICAL RODS

GR 10T: 10-foot • tenths	(NEW) **GR20T:** 20-foot • tenths
GR 10I: 10-foot • inches	**GR 10M:** 3-meter
GR 15T: 15-foot • tenths	**GR 15M:** 5-meter

4-FOOT ROD EXTENSION

Works with any Laserline Direct Reading Rod!

Slides conveniently inside the rear rod when not in use.
Allows you to extend the rod in one-foot increments up to four additional feet!
Grade rod collapses down to original size when not in use.

CARRYING/ STORAGE BAGS

Sturdy black cordova nylon with strap, velcro flap and pocket for bracket and detector.

1000-1301: 10-foot • 3-meter

1000-1302: 15-foot • 5-meter

DETECTOR BRACKETS

Rugged lightweight extruded aluminum with black anodized finish.

B-1 or **UB-1:**	AGL LS-4 AMA D6, D7 Apache 34, 44 Lightening CST LD 100, 120, 200, 400 David White LD 18	Laser Alignment 4, 5, 6, 7, 8 Laser Reference (Pro Shot) 4, 5, 7 Leica LPD 15, 30 Nikon 3, DS-30, LS-6 Quadriga LY 10	Sokkia LR 100 Spectra Precision 1077, 1274, 1275 Trimble HR200
B-2 or **UB-1:**	Spectra Precision 1175, 1177, 3075		
B1-LA or **UB-1:**	Leica Rod Eye Pro		
B1-T or **UB-1:**	Trimble HR400, 500, CR600		
B1-T3 or **UB-1:**	Trimble HR300		
B-550 or **UB-1:**	Trimble HR 550		
B1-LS70-80 or **UB-1:**	AGL LS-4 David White LD 18	Laser Reference (Pro Shot) 4, 5, 7	Sokkia LR 100 Topcon LS-30, LS-50, LS-70, LS-80
B-Storm:	Apache Storm	Trimble HL 700	
B-LT or **UB-1:**	AGL LS-100 Apache Lightening 2 Apache Twister	Futtura CR2+ Laser Reference R-8 Leica Rod Eye Plus	Sokkia MLR Trimble HR 250, 320, 350
UB-1:	**Works with ALL DETECTOR BRACKETS** (except Apache Storm & Trimble HL700)		

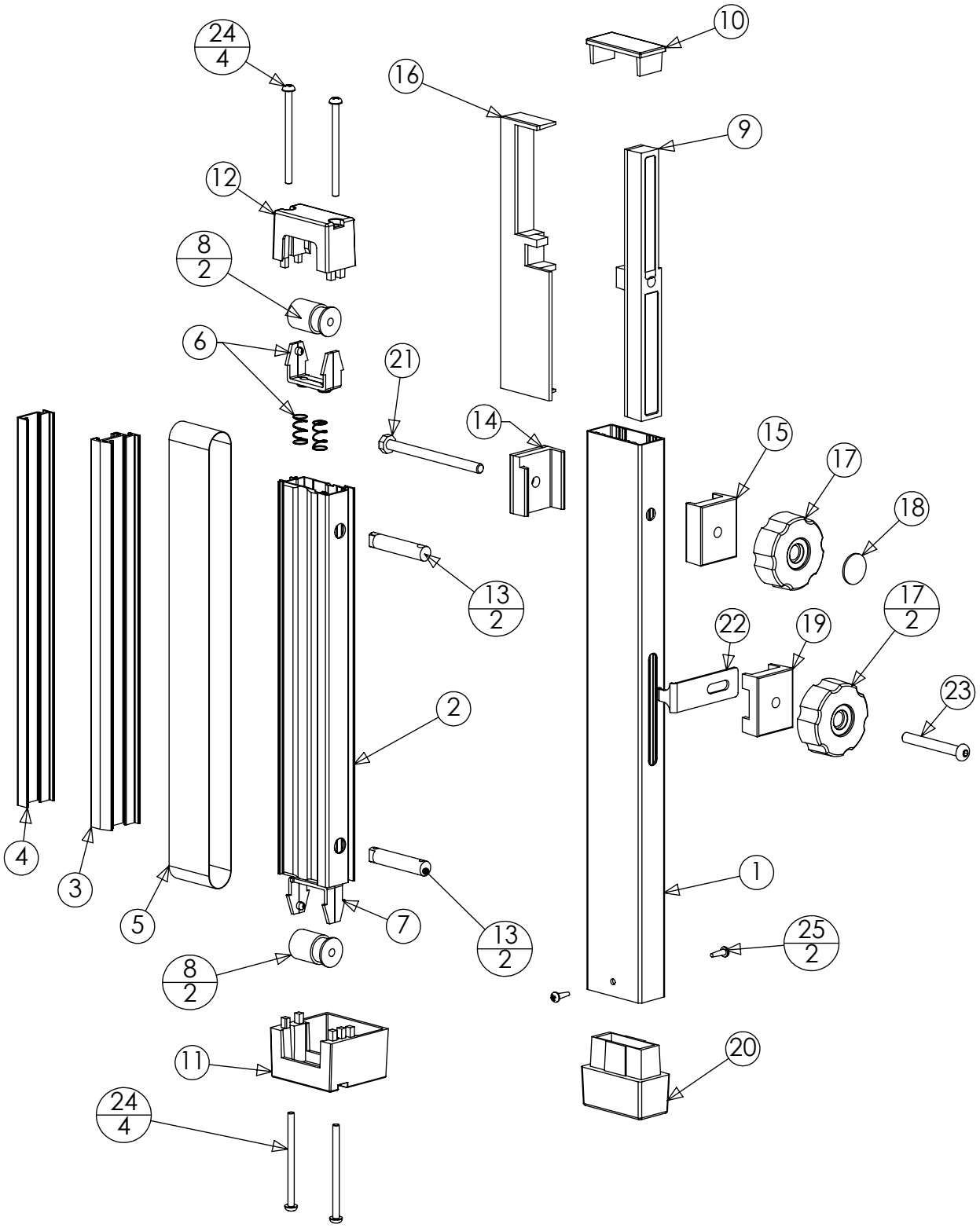
REPLACEMENT TAPES

1000-1023: 10 foot • tenths plus cut/fill	**1000-1504:** 15 foot • tenths
1000-1026: 10 foot • tenths	**1000-1035:** 3 meter plus cut/fill
1000-1036: 10 foot • inches • cut/fill only	**1000-1024:** 3 meter
1000-1037: 10 foot • inches • tenths	**1000-1503:** 5 meter plus cut/fill
1000-1038: 10 foot • inches	**1000-1502:** 5 meter
1000-1501: 15 foot • tenths plus cut/fill	(NEW) **1000-1520:** 20 foot • tenths

LASERLINE MFG, INC

GR1000 SERIES GRADE ROD

EXPLODED VIEW • MAY 2009



TAPE CONFIGURATIONS

TAPES (ITEM 5)			
ROD	PART NUMBER	DESCRIPTION	RETAIL
10ft	1000-1026	10THS/FULL FACE	$60.00
10ft	1000-1036	INCHES/CUT & FILL	$60.00
10ft	1000-1037	INCHES/10THS	$60.00
10ft	1000-1038	INCHES/FULL FACE	$60.00
15ft	1000-1501	10THS/CUT & FILL	$90.00
10ft	1000-1023	10THS/CUT & FILL	$60.00
15ft	1000-1504	10THS/FULL FACE	$90.00
3M	1000-1024	METRIC/FULL FACE	$60.00
3M	1000-1035	METRIC/CUT & FILL	$60.00
5M	1000-1502	METRIC/FULL FACE	$90.00
5M	1000-1503	METRIC/CUT & FILL	$90.00

HOUSING & RAIL CONFIGURATIONS

	ITEM 1		ITEM 2		ITEM 3		ITEM 4	
ROD	REAR HOUSING	RETAIL PRICE	FRONT HOUSING	RETAIL PRICE	LASER ROD RAIL (PVC)	RETAIL PRICE	SURVEY ROD RAIL (ALUMINUM)	RETAIL PRICE
10FT	1000-1020-10	$45.00	1000-1021-10	$40.00	1000-1022-10	$35.00	1000-1032-10	$20.00
15FT	1000-1020-15	$65.00	1000-1021-15	$60.00	1000-1022-15	$52.00	1000-1032-15	$30.00
3M	1000-1020-3	$45.00	1000-1021-3	$40.00	1000-1022-3	$35.00	1000-1032-3	$20.00
5 M	1000-1020-5	$65.00	1000-1021-5	$60.00	1000-1022-5	$52.00	1000-1032-5	$30.00

DIRECT READING ROD PARTS

ITEM	QTY	Part Number	DESCRIPTION	Retail Price
1	1	1000-1020-(X)	Housing, Rear Rod (See Table)	See Table
2	1	1000-1021	Housing, Front Rod (Radius Front) See Table	See Table
3	1	1000-1022-(X)	Rail, Black PVC (See Table)	See Table
4	1	1000-1032-(X)	Rail, Aluminum (See Table)	See Table
5	1	See Table	Tape- See Tape Configuration Table	See Table
6	1	1000-1016	Support , Roller W/Springs (Top)	$6.00
7	1	1000-1011	Support, Roller	$ 5.00
8	2	1000-1018	Roller, Tape	$3.00
9	1	1000-1014	Slide Assy, Tape Lock Right	$12.00
10	1	1000-1002	Cap, Rear Rod Top	$2.00
11	1	1000-1001	Cap, Front Rod Bottom	$8.00
12	1	1000-1000	Cap, Front Rod Tap	$7.00
13	2	1000-1019	Dowel, Frnt Rd Top/Bottom Caps	$7.50
14	1	1000-1005	Clamp, Rod Lock (Left)	$4.00
15	1	1000-1004	Clamp, Rod Lock (Right)	$4.00
16	1	1000-1008	Slide, LeftTape Lock	$2.00
17	2	1000-1015	Knob, Locking	$6.00
18	1	Supplied with Knob	Cover, Rod Lock Knob Only	Incl'd w/knob
19	1	1000-1012	Guide, Tape Lock Pin	$5.00
20	1	1000-1003	Foot, Rear Rod	$4.00
21	1	0000-1600	Bolt, 1/4-20 X 3.5 HXHD	$1.01
22	1	1000-1013	Pin, Tape Lock	$6.75
23	1	0000-1604	Screw, 1/4-20 X 2" BH SS	$0.54
24	4	0000-1089	Screw, 8-32 X 2.5 PH PH	$0.20
25	2	0000-1180	Screw #6 Machine	$0.03
14	1	1000-1005	Clamp, Rod Lock (Left)	$4.00
15	1	1000-1004	Clamp, Rod Lock (Right)	$4.00
16	1	1000-1008	Slide, LeftTape Lock	$2.00
17	2	1000-1015	Knob, Locking	$6.00
18	1	Supplied with Knob	Cover, Rod Lock Knob Only	Incl'd w/knob
19	1	1000-1012	Guide, Tape Lock Pin	$5.00
20	1	1000-1003	Foot, Rear Rod	$4.00
21	1	0000-1600	Bolt, 1/4-20 X 3.5 HXHD	$1.01
22	1	1000-1013	Pin, Tape Lock	$6.75
23	1	0000-1604	Screw, 1/4-20 X 2" BH SS	$0.54
24	4	0000-1089	Screw, 8-32 X 2.5 PH PH	$0.20
25	2	0000-1180	Screw #6 Machine	$0.03

ROD EXTENSION

Image: shows rod extension fully collapsed

NEW

4-FOOT ROD EXTENSION

WORKS WITH
ANY GR SERIES ROD!

Image: shows rod extension fully extended to 4'

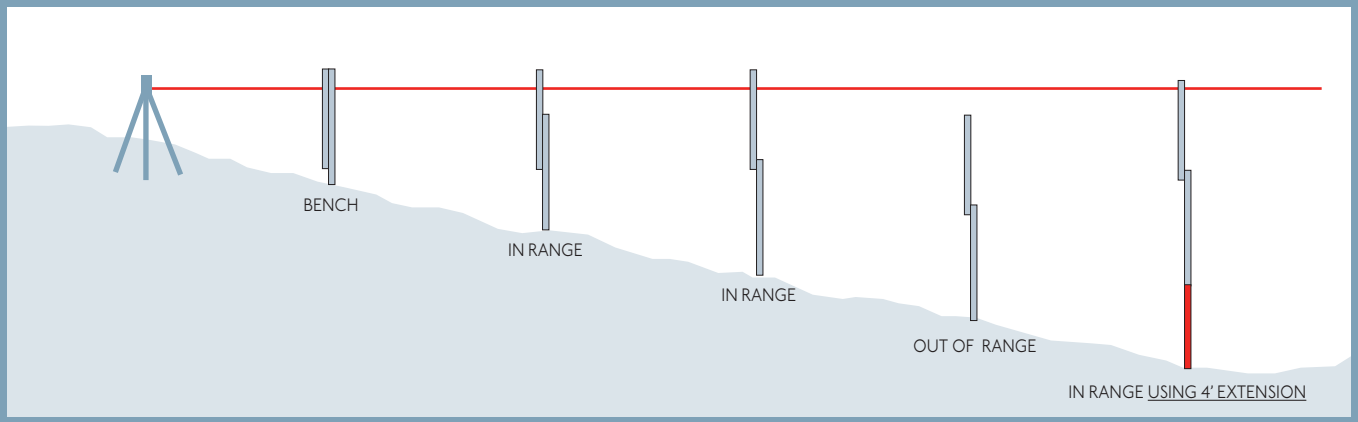
FEATURES

Slides conveniently inside the rear rod when not in use

Allows you to extend the rod in one-foot increments up to four additional feet! 10-foot rods become 14-feet, and 15-foot rods become 19-feet.

Remember! For each foot you raise the rod—reduce or run the tape down one foot. This keeps all your readings the same!

PROBLEM: RUNNING OUT OF ROD RANGE
SOLUTION: LASERLINE GR SERIES RODS WITH 4-FOOT EXTENSION



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NEW!

LASERLINE MFG., INC.

ALUMINUM GRADE RODS

DEALER PRICE LIST • OCTOBER 2005

10 Foot Rod (9.8') with two pull-out sections. Lower rod face width is 1-3/4" wide tapering to 1-1/2" wide at top section. Scale is silk screened onto a recessed face to protect the numbers. Locking pins are aluminum for long life. **Carrying bag** is heavy duty cordura with velcro flap fastener and a carrying strap.

ITEM			RETAIL	DEALER
AR 10I	(Inches)	10' Rod with Bag	$45.00	$26.00
AR 10T	(Tenths)	10' Rod with Bag	$45.00	$26.00

16 Foot Rod with three pull-out sections. Lower rod face width is 1-15/16" wide tapering to 1-1/2" at top section. Scale is silk screened onto a recessed face to protect the numbers Locking pins are aluminum for long life. **Carrying bag** is heavy duty cordura with velcro flap fastener and a carrying strap.

ITEM			RETAIL	DEALER
AR 16I	(Inches)	16' Rod with Bag	$65.00	$30.00
AR 16T	(Tenths)	16' Rod with Bag	$65.00	$30.00

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AR ROD

PARTS LIST • 2008

10 FOOT ROD

AR 104	ARB 10	ARB
Top cap	Bag, 10 footRod	Button

AR 101
Section
Foot
External guide

AR 102
Section
Internal guide
External guide

AR 103
Section
Top cap
Internal guide

16 FOOT ROD

AR 166	ARB 16	ARB
Top cap	Bag, 16 foot Rod	Button

AR 161
Section
Foot
External guide

AR 162
Section
Internal guide
External guide

AR 163
Section
Internal guide
External guide

AR 164
Section
Internal guide
External guide

AR 165
Section
Top cap
Internal guide

When placing your order, please specify whether you require Tenths or Inches:

Add **"-T"** after the item number for **Tenths** Rod (Example AR 165-T)
Add **"-I"** after the item number for **Inches** Rod (Example AR 165-I)

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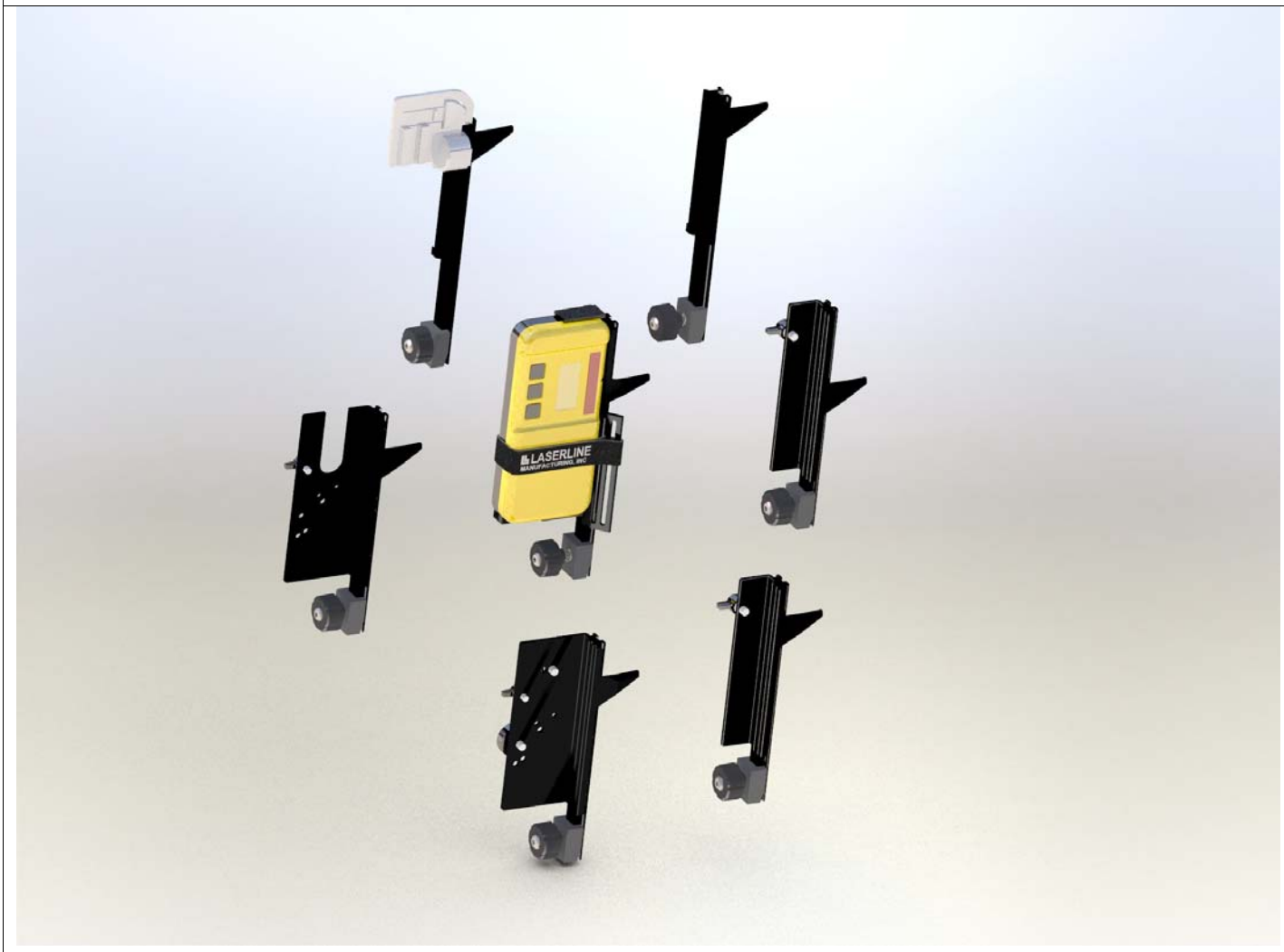
LASERLINE MFG., INC

DETECTOR BRACKETS

MAY 2009



item retail 1-12 12+

DETECTOR BRACKETS

BRACKET	RETAIL	1-5	6-10	11+
B-1	65.00	46.80	39.00	35.75
B-2	90.00	64.80	54.00	49.50
B1-LA	65.00	46.80	39.00	35.75
B1-T	65.00	46.80	39.00	35.75
B1-T3	75.00	54.00	45.00	41.25
B-550	95.00	68.40	57.00	52.25
B1-LS70-80 (NEW)	69.00	49.68	41.40	37.95
B-STORM (NEW)	69.00	49.68	41.40	37.95
B-LT (NEW)	75.00	54.00	45.00	41.25
UB-1 (NEW)	75.00	54.00	45.00	41.25

DETECTOR TO BRACKET MATCH GUIDE

DETECTOR BRAND & MODEL	B-1	B-2	B1-LA	B1-T	B1-T3	B-550	B1-LS70-80	B-STORM	B-LT	UB-1
AGL LS-4	✓						✓			✓
AGL LS-100									✓	✓
AMA D6, D7	✓									✓
Apache 34, 44 Lightening	✓									✓
Apache Lightening 2, Twister									✓	✓
Apache Storm								✓		
CST Berger LD100, 120, 200, 400	✓									✓
David White LD18	✓						✓			✓
Futtura CR1										✓
Futtura CR2+									✓	✓
Laser Alignment 4, 5, 6, 7, 8	✓									✓
Laser Reference (Pro Shot) 4-5-7	✓						✓			✓
Laser Reference R-8									✓	✓
Leica LPD 15, 30	✓									✓
Leica Rod Eye Pro			✓							✓
Leica Rod Eye Plus									✓	✓
Nikon 3, DS-30, LS-6	✓									✓
Quadriga LY10	✓									✓
Sokkia LR100	✓						✓			✓
Sokkia MLR									✓	✓
Spectra Precision 1077, 1274, 1275	✓									✓
Spectra Precision 1175, 1177, 3075		✓								✓
Topcon LS30, LS50, LS70, LS80							✓			✓
Trimble HR200	✓									✓
Trimble HR300					✓					✓
Trimble HR250, 320, 350									✓	✓
Trimble HR400, 500, CR600				✓						✓
Trimble HR550						✓				✓
Trimble HL700								✓		
All other detectors (all brands)										✓

DIRECT READING ROD

DETECTOR TO BRACKET MATCH GUIDE

DETECTOR BRAND & MODEL	B-1	B-2	B1-LA	B1-T	B1-T3	B-550	B1-LS70-80	B-STORM	B-LT	UB-1
AGL LS-4	✓						✓			✓
AGL LS-100									✓	✓
AMA D6, D7	✓									✓
Apache 34, 44 Lightening	✓									✓
Apache Lightening 2, Twister									✓	✓
Apache Storm								✓		
CST Berger LD100, 120, 200, 400	✓									✓
David White LD18	✓						✓			✓
Futtura CR1										✓
Futtura CR2+									✓	✓
Laser Alignment 4, 5, 6, 7, 8	✓									✓
Laser Reference (Pro Shot) 4-5-7	✓						✓			✓
Laser Reference R-8									✓	✓
Leica LPD 15, 30	✓									✓
Leica Rod Eye Pro			✓							✓
Leica Rod Eye Plus									✓	✓
Nikon 3, DS-30, LS-6	✓									✓
Quadriga LY10	✓									✓
Sokkia LR100	✓						✓			✓
Sokkia MLR									✓	✓
Spectra Precision 1077, 1274, 1275	✓									✓
Spectra Precision 1175, 1177, 3075		✓								✓
Topcon LS30, LS50, LS70, LS80							✓			✓
Trimble HR200	✓									✓
Trimble HR300					✓					✓
Trimble HR250, 320, 350									✓	✓
Trimble HR400, 500, CR600				✓						✓
Trimble HR550						✓				✓
Trimble HL700								✓		
All other detectors (all brands)										✓

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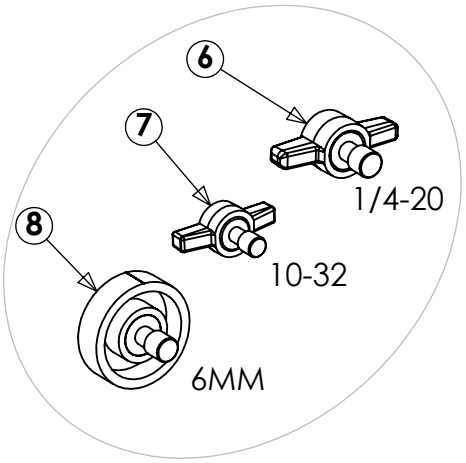
LASERLINE MFG, INC

B1 Bracket

PARTS LIST • MAY 2009

Package containing 1 of each:
Items 6,7,& 8 order P/N 1100-1201



Item8
AMA: D6, D7
Apache: 34, 44
Lieca: LPD15, 30
Nikon: LS6
Pro Shot: R8
Quadriga cy10
Spectra Physics: 1275, 1274

Item 6
Laser Alignment
5,6, 7, 8

Item 7
Laser Reference
Pro Shot: R4, R5, R7

David White
Locating Hole for:
LD-18

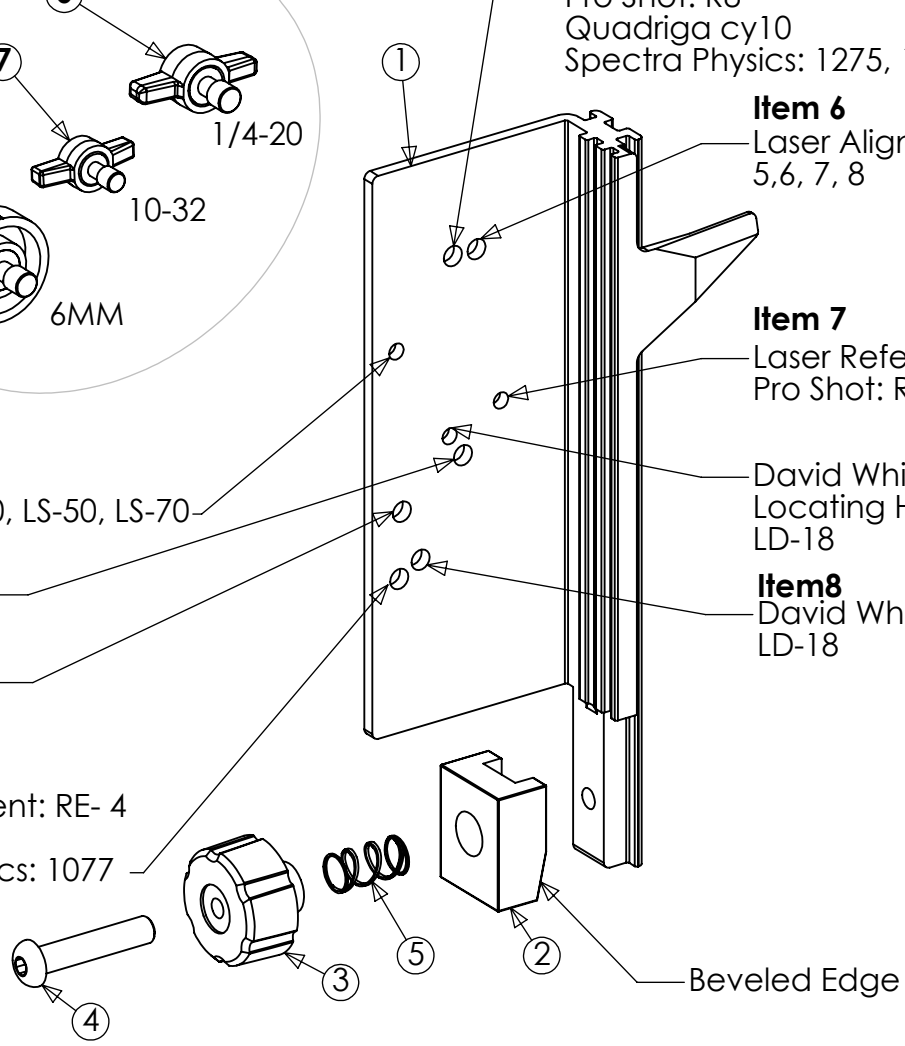
Item8
David White
LD-18

Item 7
Topcon: LS-30, LS-50, LS-70

Item8
Sokia: LR100

Item8
Nikon: DS-30

Item 6
AGL: LS-4
Laser Alignment: RE- 4
Nikon: 3
Spectra Physics: 1077

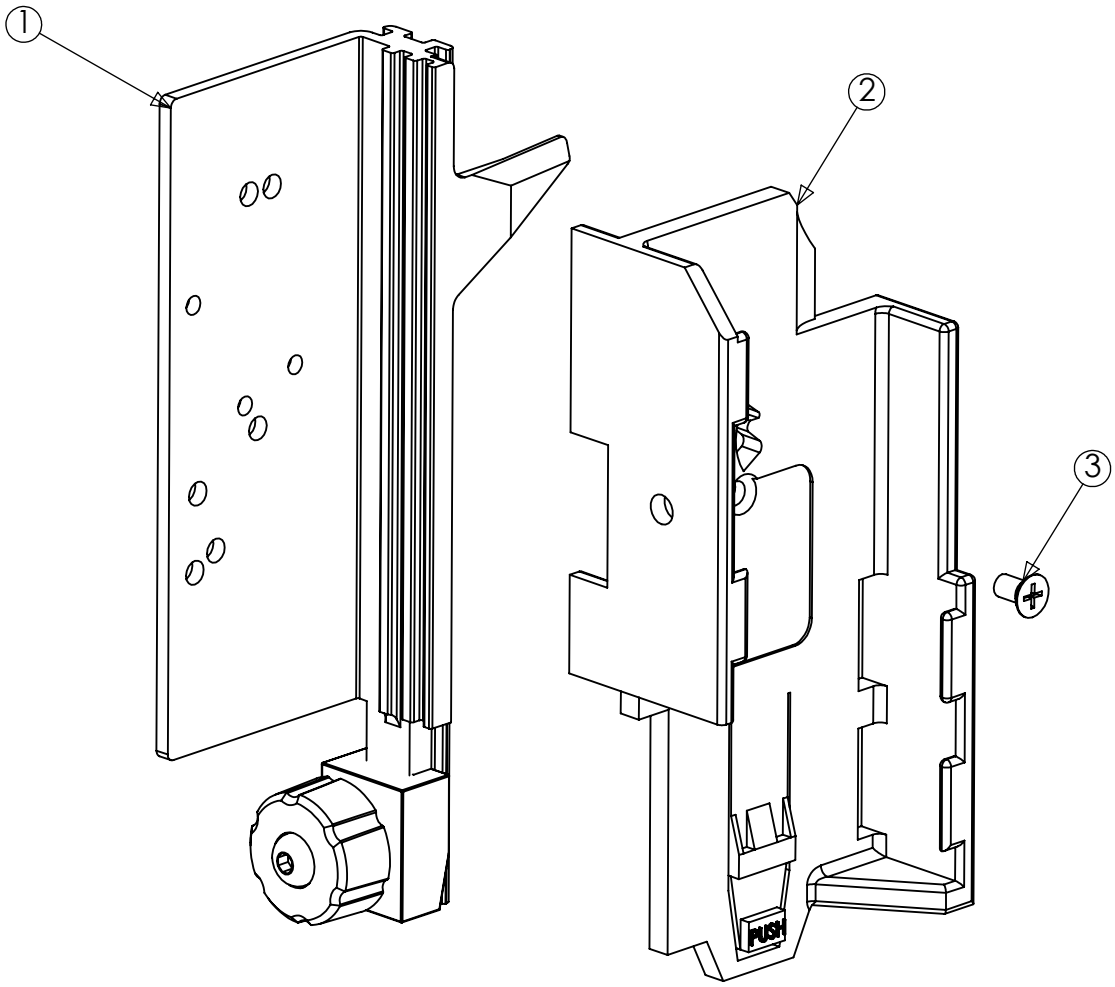


Item	Default/QTY.	PART NUMBER	DESCRIPTION	Retail Price
1	1	B1	Bracket, B1 Receiver	50.00
2	1	1100-1500	Lock, Bracket	20.00
3	1	1000-1017	Knob, B1/B2 Lock	3.00
4	1	0000-1142	SCREW, 1/4-20 x 1.25 SKBH SS	0.75
5	1	0000-1801	Spring, Comp. od .360 id .280 wire .038	1.50
6	1	1100-1400A	Knob Assy. 1/4-20	1.50
7	1	1100-1300A	Knob Assy. 10-32	1.50
8	1	1100-1200A	Knob Assy. 6mm	1.50

LASERLINE MFG, INC

B2 Bracket

PARTS LIST • MAY 2009



Item	QTY.	PART NUMBER	DESCRIPTION	Retail Price
1	1	B-1 Brkt	B1T	65.00
2	1	1100-1100	SP Bracket (Modified)	40.00
3	1	0000-1116	SCREW, 10-32 x 3/8 PHFLT SS	.060

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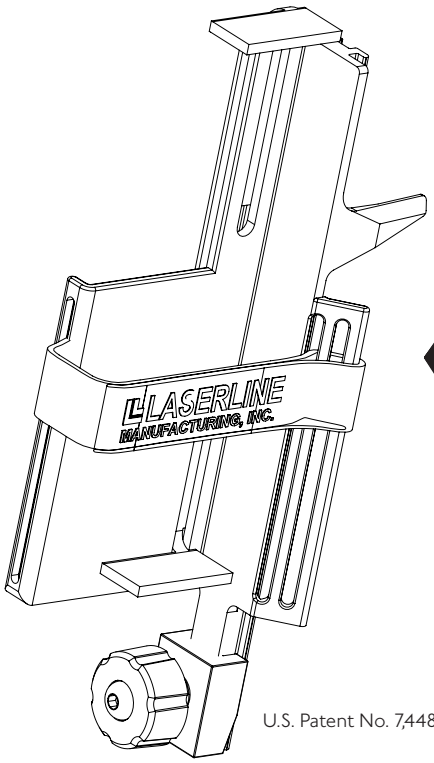
UB-1 UNIVERSAL BRACKET

WORKS WITH JUST ABOUT **ANY DETECTOR** OUT THERE!

NEW!

The **UB-1 Universal Bracket**



U.S. Patent No. 7,448,138

- AGL LS-4
- AGL MR-220
- AGL L550
- AMA D6, D7
- Agatec MR80S
- Agatec MR220
- Agatec RCR500
- Agatec SR200
- Apache 34, 44 Lightening Series
- Apache 54, 56 Thunder Series
- Apache Hawkeye
- Apache Cyclone
- CST Berger LD100, 120, 200, 400
- David White LD18
- Futtura CR1-E, CR1-I
- Futtura CR5
- Laser Alignment 4
- Laser Alignment 5, 6, 7, 8
- Leica LPD 15, 30
- Leica/Laser Alignment Rod Eye Pro
- Mikrofyn HS-10, HS-14
- Nikon 3, DS-30, LS-6
- Pro Shot (Laser Reference) R-4, R-5, R-7, R-8
- Pro Shot (Laser Reference) R-6
- Quadriga LY10
- Quante Mini
- Rod Eye Basic
- Rod Eye Mini
- Sokkia LR100
- Spectra Precision 1077
- Spectra Precision 1274, 1275
- Spectra Precision 1175, 1177, 3075
- Stabila 230900
- Topcon LS30, LS50, LS70
- Trimble HR400, HR500, CR600
- Trimble HR550
- Trimble HR300
- Zircon Laservision Auto
- Etc., etc., etc.

Virtually eliminates the need for multiple bracket models!

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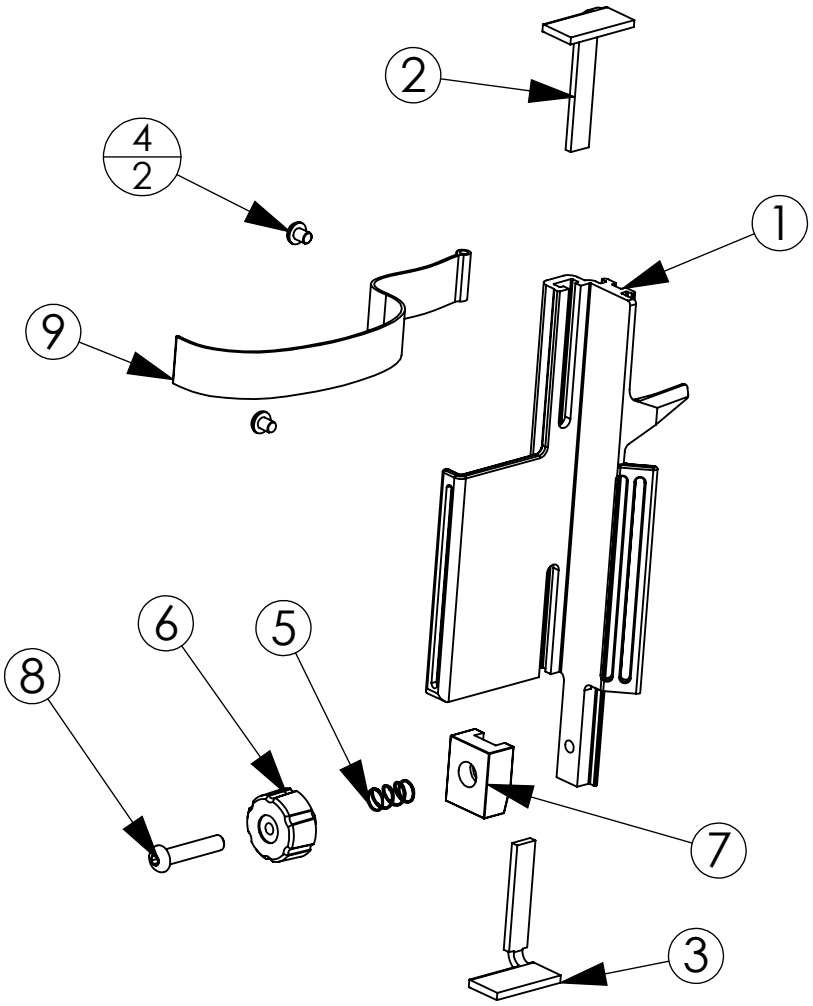
LASERLINE MFG, INC

UB1 Universal Bracket

PARTS LIST • MAY 2009



Item	PART NUMBER	DESCRIPTION	QTY
1	UB-1	Bracket, Universal Reciever UB-1Rev. 1	1
2	1100-1600	Support Slide, Top	1
3	1100-1601	Support Slide, Bottom	1
4	0000-1116	SCREW, 10-32 x 1/2 PHPH SS	2
5	0000-1801	Spring, Comp. od .360 id .280 wire .038	1
6	1000-1017	Knob, B1/B2 Lock	1
7	1100-1500	Lock, Bracket	1
8	0000-1142	SCREW, 1/4-20 x 1.25 SKBH SS	1
9	1100-1602	Strap, Universal Bracket	1

LASERLINE MFG, INC

UB1 Universal Bracket

SETUP INSTRUCTIONS • MAY 2009

Figure 1

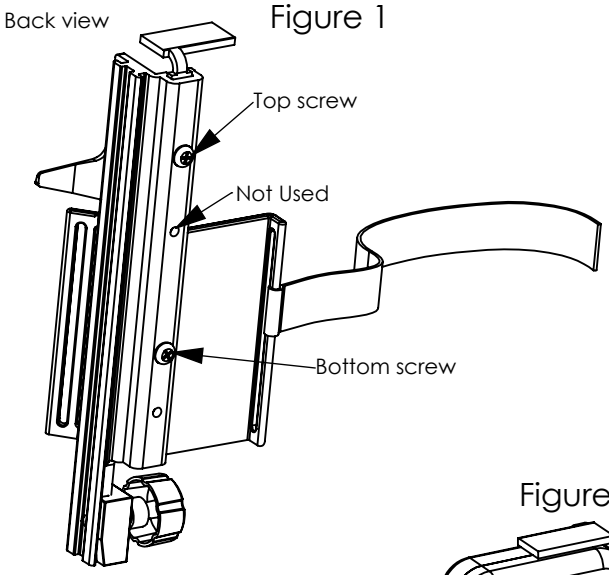


Figure 2

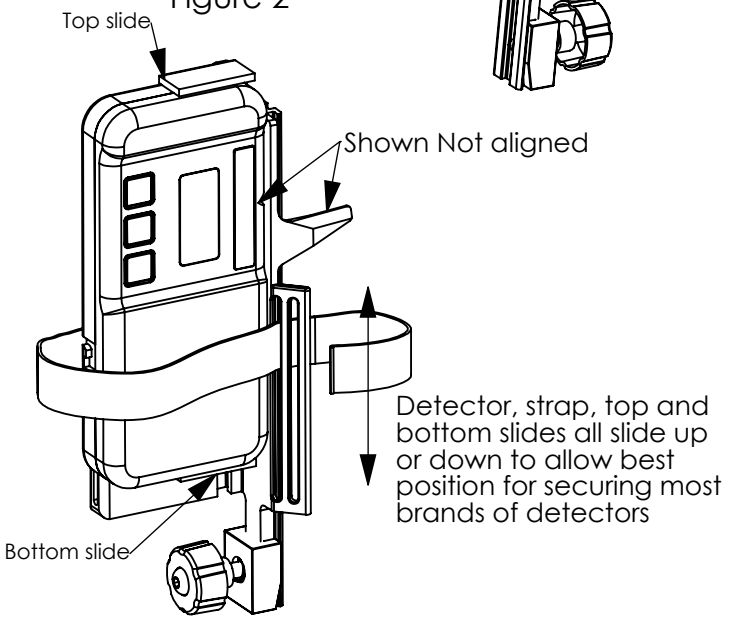
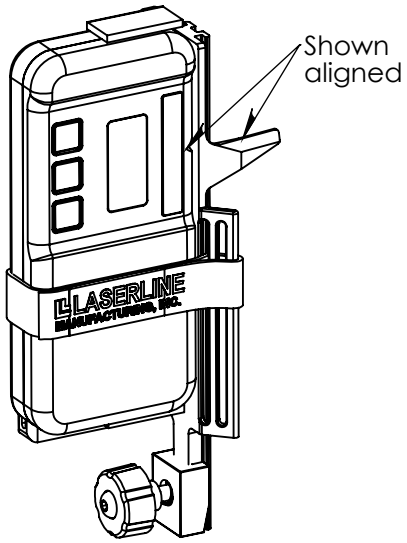

Top slide
Shown Not aligned
Detector, strap, top and bottom slides all slide up or down to allow best position for securing most brands of detectors
Bottom slide

Figure 3



1. Loosen screws and spread top and bottom slides apart to make room for detector (Figure 1)
2. Place detector in bracket. Align detector notch to top of pointer, move bottom slide up to detector and tighten screw. Move upper slide down to detector and tighten screw. (Fig. 2)
   NOTE: Not all detector notches will line up with pointer, it isn't required. Once the detector is in the bracket the bracket pointer becomes the reference. Figure 2 What's important is moving the detector in a position so that the top and bottom set screws will lock down their respective slides
3. For thicker detectors, feed the strap through the upper slot and back over the top.
4. For thinner detectors, feed the strap through the lower slot and back over the top. Figure 3
5. Slide the strap up or down in the slots to the best location and secure as shown above.
   Figure 3 Shows bracket set up with detector.
   Note: In some cases the strap may rest over control buttons.
   These buttons can still be activated through strap, or strap may be raised or lowered.

TRIPODS

AT65 SERIES

HEAVY DUTY ALUMINUM
AT65-F FLATHEAD & AT65-D DOMEHEAD

FEATURES

5.5 inch head

10.5 lbs
(14 lb shipping weight)

Durable cam lock leg clamps

Replaceable feet and foot-tips

Extends from 40.5 to 65”

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TRIPODS

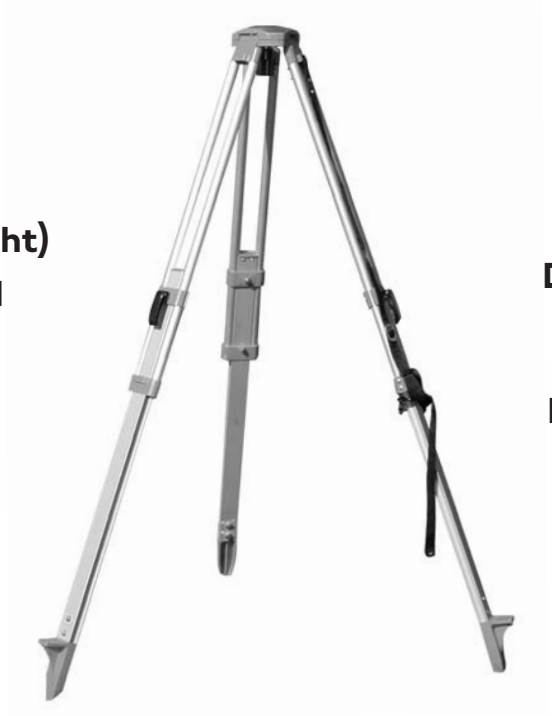
PRICE LIST • JANUARY 2006

AT 65 SERIES

FEATURES

Heavy duty (14 lb shipping weight) aluminum tripod

Extends from 40.5 to 65”



5.5 inch head

Durable cam lock leg clamps

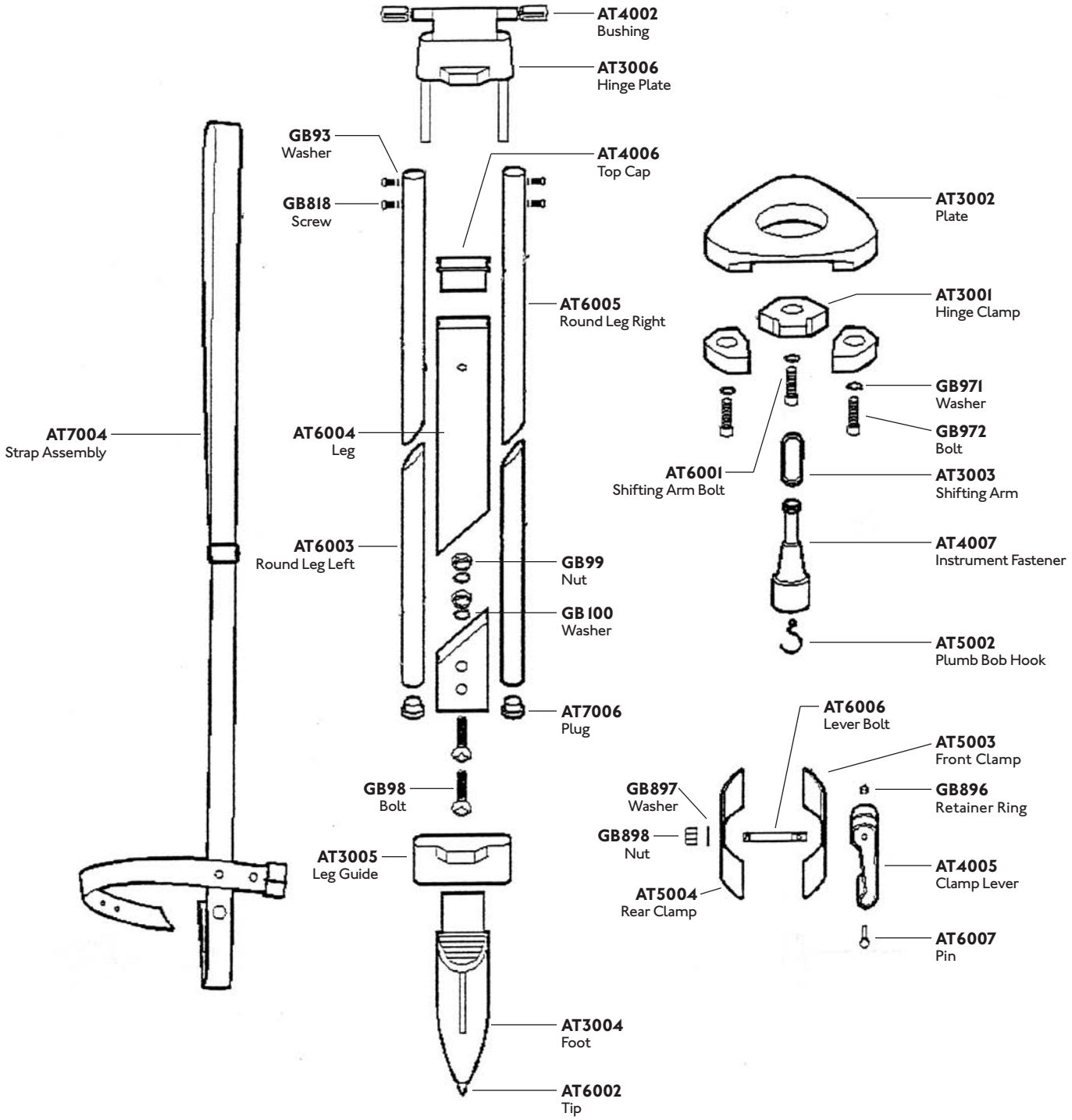
Replaceable feet and foot-tips

ITEM		RETAIL	1-12	12+
AT 65F	Flat head	$120.00	$39.95	$39.95 Includes custom decal for each tripod (See below)
AT 65D	Dome head	$120.00	$39.95	$39.95 Includes custom decal for each tripod (See below)
DD 25	Logo decal	$35.00		

25 each custom mylar decals with your name, logo and phone number.
Can be used on tripod or grade rod. (Size: 13 x 1.5 inches).

TRIPODS

PARTS LIST • 2008



LASERLINE MFG., INC

AT-65

PARTS LIST • MAY 2009

PARTS LIST

PART#	DESCRIPTION	PRICE
AT3001	HINGE CLAMP	1.00
AT3002	HEAD PLATE	15.00
AT3003	SHIFTING ARM	1.50
AT3004	FOOT	5.00
AT3005	LEG GUIDE	1.50
AT3006	HINGE PLATE	6.00
AT4002	BUSHING	.50
AT4005	CLAMP LEVER	.25
AT4006	LEG TOP CAP	4.00
AT4007	INSTRUMENT FASTNR	4.00
AT5002	PLUMB BOB HOOK	1.00
AT5003	FRONT CLAMP	1.75
AT 5004	REAR CLAMP	1.75
AT6001	BOLT, SHIFTING ARM	1.00
AT6002	TIP, FOOT	.75
AT6003	ROUND, LEG, LEFT	3.00

PART#	DESCRIPTION	PRICE
AT6004	LEG	3.70
AT6005	ROUND LEG, RIGHT	3.00
AT6006	LEVER BOLT	1.00
AT6007	PIN	1.00
AT7004	STRAP ASSEMBLY	3.00
AT7006	PLUG, ROUND LEG	.25
GB93	WASHER	.05
GB818	SCREW	.20
GB98	BOLT	.30
GB99	NUT	.10
GB100	WASHER	.05
GB896	RETAINING RING	.10
GB897	WASHER	.05
GB898	NUT	.10
GB971	WASHER	.05
GB972	BOLT	.30

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POWER CONVERTERS

PRICE LIST • 2008

FEATURES

Overvoltage protection

Short circuit protection

Runs laser from 90 to 260 VAC

Compact: 2 1/4 x 3 x 6 1/4"

ITEM	RETAIL
1140-1	$275.00
1140-2	$275.00
1140-3	$295.00

MODELS

1140-1
With three-pin jack connector to laser

1140-2
With battery clip connector to laser

1140-3
With three-pin jack
PLUS battery clip connection

The 1140 Series Power Converters will run your laser at 13VDC with 90 to 260 VAC.

The 1140 senses what voltage it is hooked up to and automatically runs the laser on that voltage.

The 1140 converter is compact and tough, and should give you years of trouble-free operation.

POWER CONVERTERS

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The 1140 senses what voltage it is hooked up to and automatically runs the laser on that voltage.

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FEATURES

Overvoltage protection

Short circuit protection

Runs laser from 90 to 260 VAC

Compact: 2 1/4 x 3 x 6 1/4"

MODELS

1140-1
With three-pin jack connector to laser

1140-2
With battery clip connector to laser

1140-3
With three-pin jack PLUS battery clip connection

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LONG RANGE LASERS

DEALER PRICE LIST • APRIL 2007

LONG RANGE LASERS & ACCESSORIES

ITEM		RETAIL	DISCOUNT	DEALER PRICE
LR-1050DD	5/10 Second Digital Laser Theodolite	$5,995.00	25%	$4,496.25
T-2000SD	Transiting Base Laser (High Visibility Red)	$3,995.00	25%	$2,996.25
T-2000SDG	Transiting Base Laser (Ultra High Visibility Green)	$5,995.00	25%	$4,496.25
2000-0035	Fan Lens, Swing-Away (LR-1050DD /T-2000SD / T-2000SDG)	$395.00	25%	$296.25
2000-0630	Tribrach, Optical Plummet (T-2000SD / T-2000SDG)	$395.00	25%	$296.25
2000-0620	Adapter, Tribrach (T-2000SD / T-2000SDG)	$75.00	25%	$56.25
2000-0625	Spotting Scope (T-2000SD / T-2000SDG)	$295.00	25%	$221.25
2000-10	Universal Tunnel Mount (LR-1050DD / T -2000SD / T-2000SDG)	$495.00	25%	$371.25
2000-10T	Target for Universal Tunnel Mount	$40.00	25%	$30.00
1140-3	Power Converter	$295.00	35%	$191.75

LASERLINE MFG., INC.

LR1050DD LONG RANGE ALIGNMENT
DIGITAL LASER THEODOLITE

The ultra versatile and compact LR1050DD can back site as well as turn horizontal and vertical angles down to 5 arc seconds while delivering the maximum allowable 5 milliwatts of laser power to your forward target. This gives you the power and precision to tackle the toughest long range alignment applications.

LR1050DD shown with straight beam

FREQUENT APPLICATIONS:

PIPE JACKING

MICRO TUNNELING

OFFSHORE DREDGING

MINING

TUNNELING

CONVEYOR ALIGNMENT

CENTERLINE CONTROL

LR1050DD shown with fan lens

FEATURES LR1050DD DIGITAL LONG RANGE LASER THEODOLITE

The LR1050DD was designed for long range distance alignment applications where the ability to turn an angle is desired or required. The LR1050DD features a large, easy to read LCD Direct Reading Digital Display for horizontal and vertical angles. This adds versatility in hard to set up locations, allowing the operator to turn angles from a known point. A foresight is not a necessity. The laser beam is fixed to the vertical cross hair of the spotting scope, thus eliminating the need for a reflector or penta prism as a foresight.

The laser beam is fixed focused to infinity. This provides the smallest possible spot over the longest possible distance.

5 milliwatts of power assures you of more range to target area even in adverse weather or when shooting through a series of forward targets.

High power 5 mW ultra long range laser

Maximum grade range – read in degrees or percent of grade

Ability to back-site

Digital display of horizontal and vertical angle down to 5 arc seconds

Bright 30x spotting scope

Use as theodolite or as a laser control

Low power drain

Compact

Accurate • Reliable • Stable

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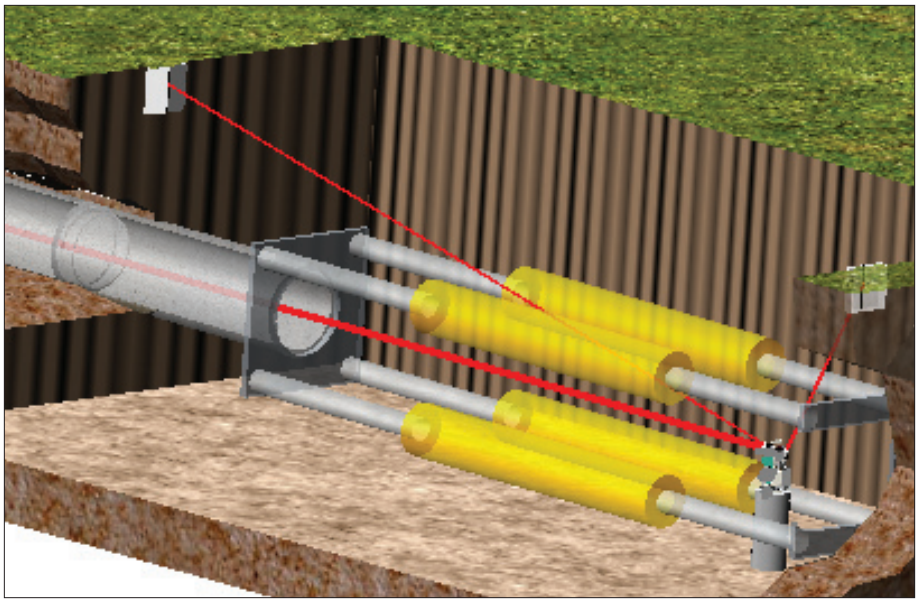
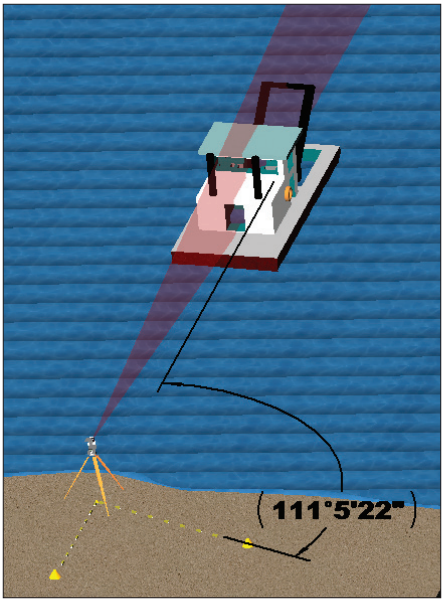
Typical Jacking Pit or Micro Tunneling Setup



The LR1050DD allows you to pick up centerline at top of pit, both at the front and rear, to wiggle in for precise line control. Once line is established, the LR1050DD is set to grade, giving you both line and grade for your operation.

Typical Marine Alignment Application



The LR1050DD used with a fan lens allows you to back site to pick up centerline, or turn a precise angle for centerline.

LASER SPOT SIZE CHART

DISTANCE		DIAMETER	
500'	(152 m)	0.8"	(2.0 cm)
1000'	(305 m)	1.1"	(2.8 cm)
1500'	(457 m)	1.4"	(3.6 cm)
2000'	(610 m)	1.7"	(4.3 cm)
2500'	(762 m)	2.0"	(5.1 cm)
5280'	(1609m)	4.0"	(10.2 cm)

LR1050DD SPECIFICATIONS

LASER POWER	5MW / 635 NM
BEAM DIAMETER	.07" AT EXIT. SEE CHART FOR DISTANCE.
POWER	10-14 VDC AT 0.1 AMPS PER HOUR
TELESCOPE	30X WITH STADIA
OPTICAL PLUMMET	2.2X
LEVELING BASE	3 SCREW TRIBRACH
ACCURACY	5 OR 10 ARC SECOND SELECTABLE
HEIGHT	12 7/8" (30.70 CM)
LENGTH	7 5/16" (17.78 CM)
WIDTH	6 7/16" (15.64 CM)
OPERATING TEMPERATURE	0° / 120° F (-18° / +50° C)
STORAGE TEMPERATURE	-40° / +150° F (-40° / +65° C)
SHIPPING WEIGHT	29 LBS (13.2 KG)

ACCESSORIES

Fan Lens 2000-0035
Changes laser beam from a spot to a vertical place of laser light. The fan lens expands the laser beam in the vertical direction at 1320 feet per mile while maintaining the horizontal width expansion at 4 inches per mile. Use with T-2000 Series lasers.

Power Converter 1140
Converts 110 or 220 VAC to 12 VDC. Internally protected from short circuits and overloads. Resets automatically – no fuses or circuit breakers. Use with all models.

Universal Tunnel Mount 2000-10
An ultra solid, yet versatile multi-positioning platform for all models of lasers. The mount gives you the ability to both horizontally and vertically position the laser to the pre-determined point that you require. In addition to offering tremendous versatility for your laser positioning, it is very rugged and stable.

LASERLINE MFG., INC.

T2000SD LONG RANGE ALIGNMENT LASER

TUNNELING LASER • MINING LASER • OFFSHORE DREDGING LASER
CONVEYER ALIGNMENT LASER • CENTERLINE CONTROL LASER

THE LONG RANGE SOLUTION

Ultra stable built-in base for laser with dual vertical axils for maximum stability
Ultra fine 64 pitch vertical adjustment
Horizontal "compression shoe" locking device
Ultra fine 64 pitch horizontal adjustment coupled to tapered bearing for smooth and precise line adjustment
Vertical lock with "compression shoe" tightening — stays in place
5MW laser with special optics for maximum bright-ness and range
Power connector is attached to ultra stable base, NOT laser housing, for maximum stability
Laser mounts to any flat surface with a 5/8 standard bolt or will take a tribrach using tribrach adapter
LASERLINE
T-2000

T-2000SD FEATURES

T-2000SD

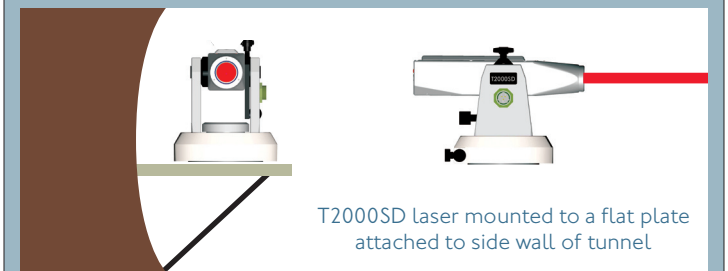
- The T-2000 is a heavy-duty "building block" design built for the rigors of the toughest construction environments. The T-2000 may be added to from its basic configuration, depending on the needs of your particular job or application.
- The T-2000 laser beam is fixed focused to infinity. This provides the smallest possible spot over the longest possible distance.
- High power. 5 Milliwatts of power assures you of more range to target area, even in adverse weather or when shooting through a series of forward targets.
- Ultra-fine horizontal and vertical fine adjust with 64 pitch thread for fast and precise alignment on your set-ups.
- Very stable; once set in place, the T-2000 stays on your forward target!
- T-2000 is designed to accept a tribrach. This is especially beneficial when "leap frogging" to forward points in tunnel work.
- In tunnel work, the T-2000 has three times the range (laser spot brilliance and quality) thus reducing the need to move the laser forward.
- In marine work, it translates to much greater visibility in adverse weather conditions.

T-2000SDG ULTRA BRIGHT GREEN LASER

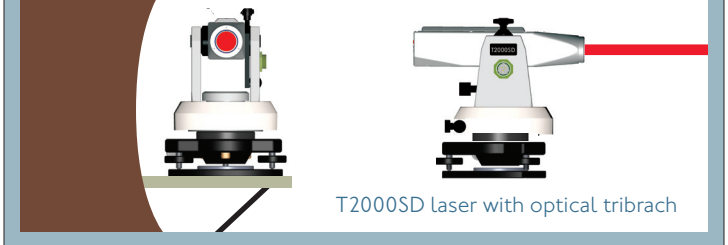
- All the same great features of the T-2000SD plus its 3-5 times more visible to the eye. Contact Laserline for details.

TYPICAL CONFIGURATIONS

TUNNELING / MINING

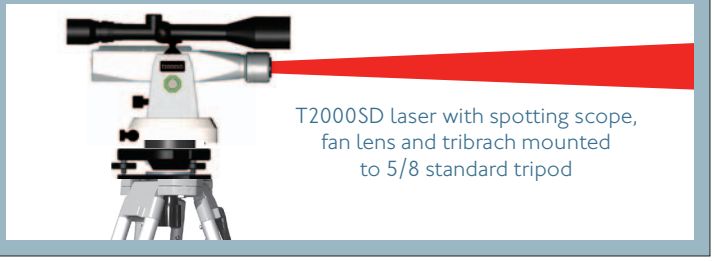


T2000SD laser mounted to a flat plate attached to side wall of tunnel



T2000SD laser with optical tribrach

MARINE & OUTDOOR ALIGNMENT



T2000SD laser with spotting scope, fan lens and tribrach mounted to 5/8 standard tripod

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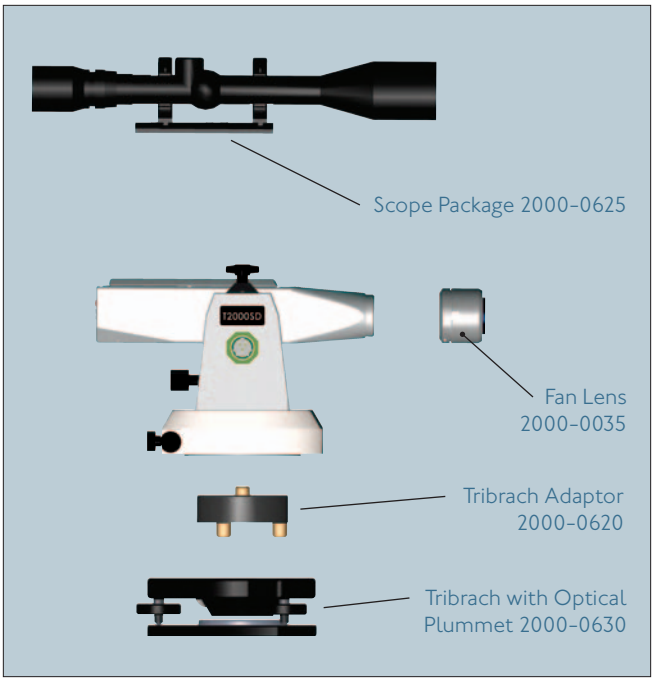
ACCESSORIES

T-2000SD shown with Spotting Scope 2000-0525, Optical Plummet Tribrach 2000-0630, Adapter 2000-0620



T-2000SD components: Spotting Scope 2000-0525, Fan Lens 2000-0035, Adapter 2000-0620, Optical Plummet Tribrach 2000-0630

Spotting Scope 6-24x 2000-0525

Variable power from 6-24x objective diameter is 40mm. Field of view varies at 100 yards from 17 feet to 4 feet depending on power setting. Ring mounts are satin chrome steel finish for rust free operation in wet conditions. Use with the T-2000 Series lasers.

Fan Lens 2000-0035

Changes laser beam from a spot to a vertical place of laser light. The fan lens expands the laser beam in the vertical direction at 1320 feet per mile while maintaining the horizontal width expansion at 4 inches per mile. Use with T-2000 Series lasers.

Universal Tunnel Mount 2000-10

An ultra solid, yet versatile multi-positioning platform for all models of lasers. The mount gives you the ability to both horizontally and vertically position the laser to the pre-determined point that you require. In addition to offering tremendous versatility for your laser positioning, it is very rugged and stable.

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DISTANCE	DIAMETER
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2000' (610m)	1.7" (4.3cm)
2500' (762m)	2.0" (5.1cm)
5280' (1609m)	4.0" (10.2cm)

T-2000SD SPECIFICATIONS

LASER POWER	5MW (NOMINAL)
OPERATING TEMPERATURE	0°/120°F (-18°/+50°C)
STORAGE TEMPERATURE	-40°/+150°F (-40°/+65°C)
POWER	10-14 VDC AT 1.5 AMPS PER HOUR
TELESCOPE	6 TO 24X (OPTIONAL)
OPTICAL PLUMMET	2.0 (OPTIONAL)
LEVELING BASE	3 SCREW TRIBRACH (OPTIONAL)
HEIGHT	6.75" (17CM)
WITH TRIBRACH	9.5" (24 CM)
WITH TRIBRACH AND SCOPE	11.25" (28 CM)
LENGTH	9.5" (24 CM)
WIDTH	5.5" (14 CM)
SHIPPING WEIGHT	29 LB (13.2 KG)

Power Converter 1140

Converts 110 or 220 VAC to 12 VDC. Internally protected from short circuits and overloads. Resets automatically – no fuses or circuit breakers. Use with all models.

Optical Plummet Tribrach 2000-0630

Features universal 5/8 x 11 base plate thread. The range of the optical plummet is 1.5 feet to 50 feet. (0.5m to 15m). The circular level vial has a sensitivity of 10 minutes (2mm). Use with 2000-0620 adapter for the T-2000 Series lasers.

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GL3000 SERIES GUIDANCE LASERS

GL3000P & GL3000PM

Highway paint striping, asphalt distributors, road wideners, pavement profilers, or virtually any application requiring vehicle line control.

PRICE LIST • WINTER 2008

GUIDANCE LASERS & ACCESSORIES

ITEM		PRICE
GL3000P	**Remote Control Paint Stripe Laser Complete**	**$5,995.00**
3000-0004	Extra Control Box (P) with 19' Control Cable	$395.00
3000-0006	Control Box	$280.00
3000-0008	19' Control Cable	$115.00
GL3000PM	**Manual Control Paint Stripe Laser Complete**	**$2,395.00**
3001-0005	Extra Control Box (PM) with 19' Control Cable	$380.00
3001-0007	Control Box (PM)	$265.00
3000-0008	19' Control Cable	$115.00

OPTIONS

3000-0135	**Magnetic foot (each)** 4 ea required for GL3000P 2 ea required for GL3000PM	$8.00
0003-0322	**Adapter installed on power card** Allows power to be plugged into cigarette lighter outlet of a vehicle	$29.00

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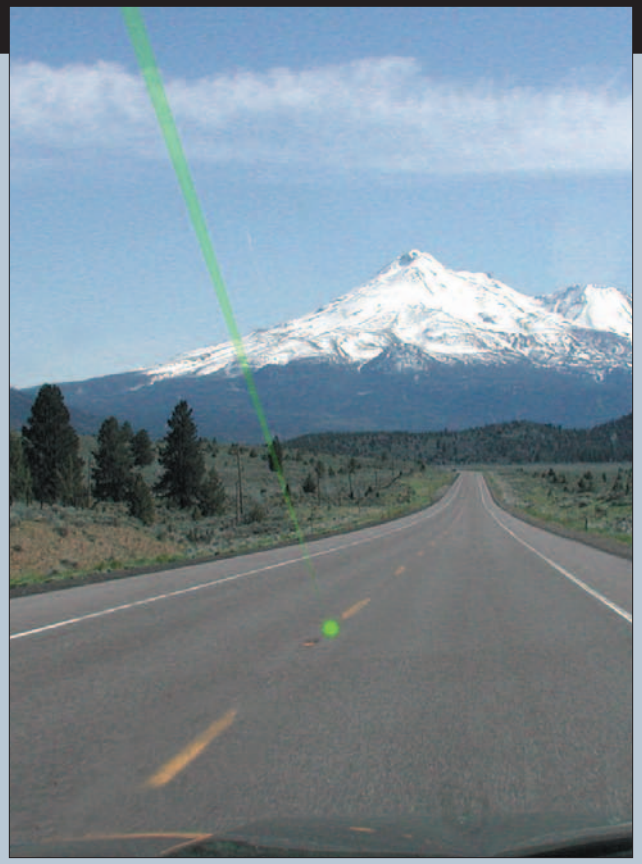
LASERLINE MFG., INC.

GL3000 SERIES GUIDANCE LASERS

GL3000P & GL3000PM



GL3000P
Truck guidance

- HIGHWAY PAINT STRIPING
- ASPHALT DISTRIBUTORS
- ROAD WIDENERS
- PAVEMENT PROFILERS
- OR VIRTUALLY ANY APPLICATION REQUIRING VEHICLE LINE CONTROL

The GL3000 Series Guidance Lasers use an ultra high visibility green laser to establish visual line control.

More Accurate • More Versatile
Easier • Safer

GL3000PM
Gun carriage guidance

YOUR GREEN LIGHT TO HIGHER PRODUCTION

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THE ADVANTAGES

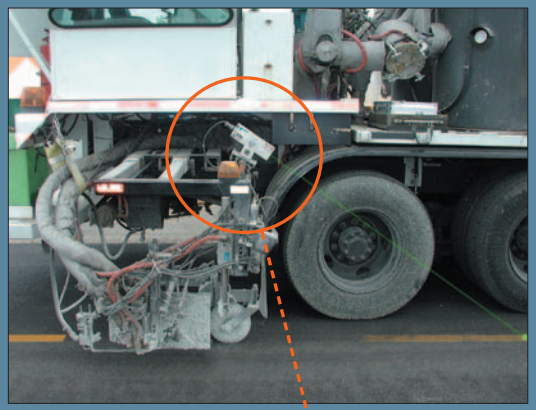
- For truck control, you can set your reference 20 to 30 feet out in front of the vehicle impacting on the road. For gun package control the laser is used to give the Operator "heads up" time to move the gun package in and out for easy and precise alignment.
- You are looking in your natural driving field of view at the reference point.
- You can reduce or eliminate pre-marking and the high cost associated with it.
- Eliminates using a boom and the problems associated with it such as bouncing on rough surfaces, safety, and the mechanical size and constraint of the mechanism.
- Safer! Paint up to intersections without the worry of injury or damage to people or other vehicles caused by mechanical arm extending out in front of the truck.
- Eliminates having to drive looking at a T.V. screen instead of the road. Reduces or eliminates the problem of "white-out" in low sun conditions.
- Greatly increases the machine's maneuverability.
- You can move your reference on the fly from the cab — aim the laser spot further out, closer in, further left, or further right.
- Much less strain on the Operator. It reduces fatigue and increases skill load.
- It's more versatile.
- It's easier.
- It's faster.
- It's safer.

THE SYSTEM

The GL3000 Series Lasers use an ultra high visibility green laser to establish visual line control.

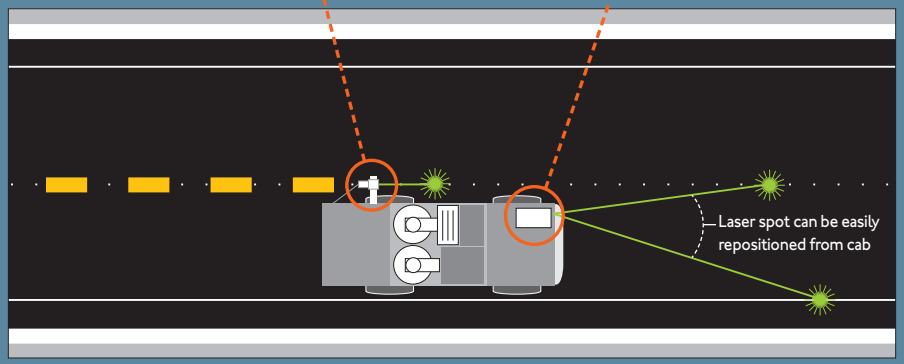
Depending on the model, the Operator adjusts the laser spot to the desired reference point on the road surface using a remote control panel located in the cab of the vehicle or manually at the laser. The laser spot is impacted directly on the road surface about 10 to 30 feet ahead, showing the Operator exactly where the vehicle is relative to "on line." The laser spot is on the road ahead of the Operator so that the reference is in the driving field of view instead of a T.V. screen or boom pointer.

It is fast to set up and easy to use.



GL3000PM
Gun carriage guidance

GL3000P
Truck guidance



GL3000PM gun carriage guidance and **GL3000P** truck guidance from bird's-eye view.

THE PRODUCT

- Main Housing — Weatherproof, containing optic plate mounting platform, micro processor electronics, laser, laser mounting assembly, laser driver board, automatic cooling and heating system, and in the remote version, X-Y positioning control mechanism, drive motors, and optics. The entire unit is dry nitrogen purged to protect all components.
- 20 Feet of Interconnect Cable with a waterproof, mil spec, in-line connector mounted between the laser main housing and the control panel mounted in the cab.
- Control Panel allows the Operator to turn the unit on and off on the manual version as well as aim the laser spot toward or away from the vehicle as well as left and right on the remote control version.
- 5 Feet of 12 Volt DC Cable running from the control box for connection to vehicle's 12 V power.

SPECIFICATIONS

Laser: 532nM Class IIIA Green Laser

Power: 11-15 Volt DC Positive or Negative Ground

Power Draw: 4.00 Amps (Maximum Operating), 0.03 Amps (Sleep Mode)

Laser Housing GL3000P (Remote):
Height: 6 1/8 Inches
Length: 12 Inches
Width-Housing: 6 1/2 Inches
Base: 9 1/2 Inches

Laser Housing GL3000PM (Manual):
Height: 4 1/2 Inches
Length: 9 Inches
Width Housing: 3 3/4 Inches
Base: 4 1/4 Inches

Cable length from Laser Housing to Control Box: 20 Feet

12 Volt Power Cable Length from Control Box: 5 Feet

Shipping Weight: 25 lbs.

DISTRIBUTED BY:

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NEW!

LASERLINE MFG., INC.

WING PLOW GUIDANCE LASER

The GL3000PMC is a versatile all weather product that can also be used for guiding highway paint stripers, asphalt distributors, pavement profilers, or virtually any other vehicle or equipment requiring line control. Use it in the winter and summer for all your guidance needs.

PRICE LIST • WINTER 2008

GL3000PMC LASER SYSTEM INCLUDES:

MAIN HOUSING
Weatherproof and dry nitrogen purged, containing optic plate, micro processor, electronics, laser, laser mounting assembly, laser driver board, and heating system for front window to reduce or eliminate icing.

PNEUMATIC AIR BLAST MODULE
Removes snow build up from laser exit window with automatic air blast every 5 seconds.

CONTROL PANEL IN CAB
Allows the operator to turn the laser on and off as well as the deicing and automatic air blast functions.

20 FEET OF INTERCONNECT CABLE
With waterproof mil spec in-line connector mounted between the laser main housing and the control panel mounted in the cab.

5 FEET OF 12V DC CABLE
Running from control box for connection to vehicle's 12V DC power.

20 FEET OF 1/4-INCH PNEUMATIC HOSE LINE
Complete with connectors for tying into vehicle's secondary air source.

GL3000PMC
GREEN ULTRA BRIGHT LASER SYSTEM COMPLETE

$2495.00

ITEM	PRODUCT	PRICE
3000-0014	Extra PMC control box with 20' control cable	$395.00
3000-0023	PMC control box	$280.00
3000-0008	20' control cable	$115.00

For multiple unit pricing contact LaserLine Mfg. or your local distributor.

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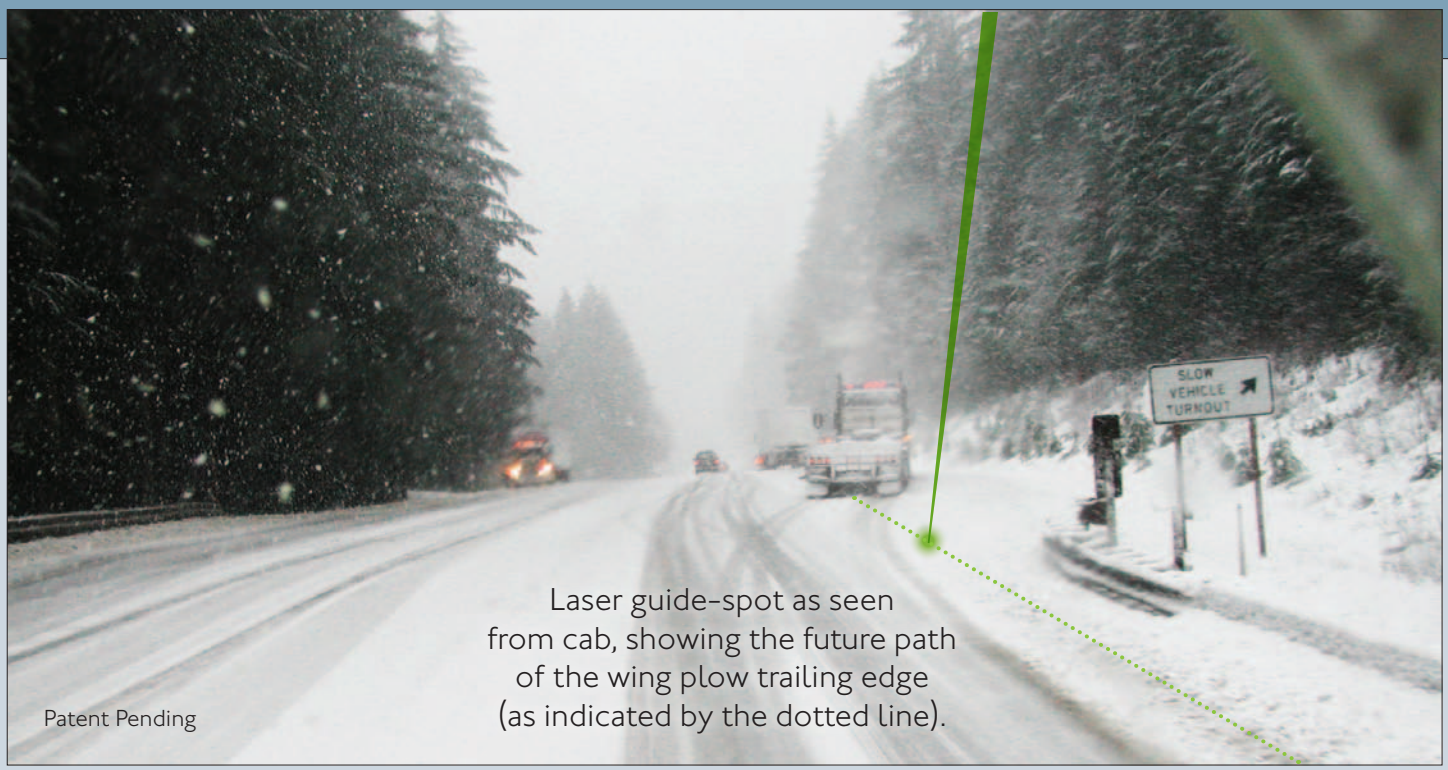
LaserLine MFG., INC.

NEW!

THE NEW GL3000PMC GUIDANCE LASER FOR

WING PLOWS

Lets you know where your wing plow trailing edge will be **BEFORE** you get there!



Laser guide-spot as seen
from cab, showing the future path
of the wing plow trailing edge
(as indicated by the dotted line).

Patent Pending

THE **SAFER** WAY TO PLOW!

AVOID COSTLY PROPERTY AND PLOW DAMAGE.
REDUCE DOWNTIME.

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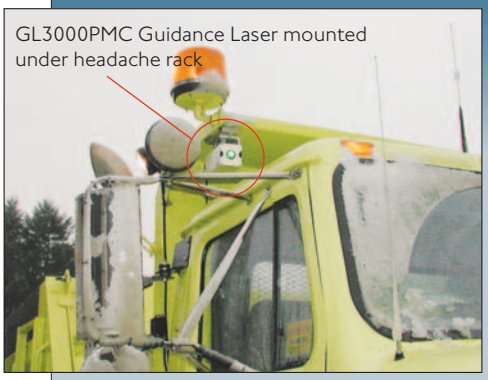
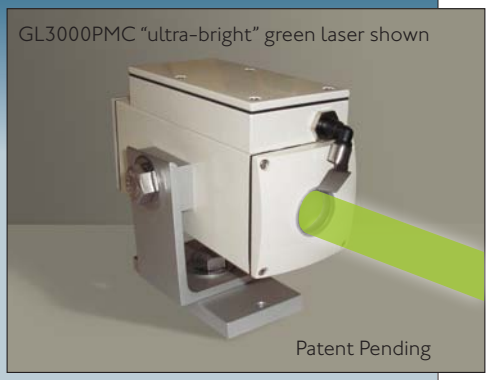
WING PLOW GUIDANCE LASER





THE SYSTEM

The GL3000PMC Guidance Laser uses an "ultra-bright" green laser spot to establish wing plow trailing edge location before you get there.

The laser spot impacts on the road/snow surface ahead of the truck and shows the driver where the wing plow trailing edge will be. The laser reference spot is on the road and in the driver's normal field of view.

The GL3000PMC laser is electronically designed for cold weather operation. This laser is coupled to a special heat source for the exit window to reduce or eliminate ice build-up on the front of the laser output lens. The GL3000PMC also has a unique pneumatic snow removal system incorporated with the laser housing that automatically fires a blast of air at the front of the laser lens every 5 seconds. This removes snow build-up from the laser output lens.

The GL3000PMC is a class IIIA ultra bright green laser with 5mW of power. Green is most visible to the eye in all working conditions. The GL3000PMC laser is U.S. CFR 21-1040 and Canadian IEC 60825 compliant. The GL3000PMC meets all federal U.S. OSHA and Canadian CCOS standards for operation.

The laser housing is weatherproof, and hermetically sealed and dry nitrogen charged for operation in virtually any weather condition.

The systems work directly off the 12 volt side of the truck, and will operate from 11 to 15 volts DC with positive or negative ground.

Reduces plow and property damage • Reduces downtime for plow repair
Less strain on the operator • Safer

THE PRODUCT

The GL3000PMC is a versatile all weather product that can also be used for guiding highway paint stripers, asphalt distributors, pavement profilers, or virtually any other vehicle or equipment requiring line control. Use it in the winter and summer for all your guidance needs.

MAIN HOUSING
Weatherproof, containing optic plate mounting platform, micro processor electronics, laser, laser mounting assembly, laser driver board, automatic cooling and heating system, front window is automatically heated to reduce or eliminate icing.

PNEUMATIC AIR BLAST MODULE
Removes snow build up from laser exit window with automatic air blast every 5 seconds.

CONTROL PANEL IN CAB
Allows the operator to turn the laser on and off as well as the deicing and automatic air blast functions.

20 FEET OF INTERCONNECT CABLE
With waterproof mil spec in-line connector mounted between the laser main housing and the control panel mounted in the cab.

5 FEET OF 12V DC CABLE
Running from control box for connection to vehicle's 12V DC power.

20 FEET OF 1/4-INCH PNEUMATIC HOSE LINE
Complete with connectors for tying into vehicle's secondary air source.

SPECIFICATIONS

Laser: 532 NM Class IIIA Green Laser

Power: 11-15V DC Positive or Negative Ground

Power Draw: 4.0 Amps (Maximum Operating), 0.03 Amps (Sleep Mode)

Operating Temperature: -40˚F to +122˚F (-40˚C to +50˚C)

Pneumatic: 120 PSI / 12V DC Operation

Laser Dimensions:
Height: 6 3/8 Inches
Length: 7 7/8 Inches
Width (At Widest Point): 4 1/4 Inches

Cable Length from Laser to Control Box: 20 Feet

12V Power Cable Length from Control Box: 5 Feet

Pneumatic Hose Length (Laser to Air Source): 20 Feet

Shipping Weight: 25 Lbs.

DISTRIBUTED BY:

LASERLINE MFG., INC.

LEVELS

AL SERIES AUTOMATIC LEVEL

Level and tripod package shown

AL SPECIFICATIONS

	AL20	AL24	AL28
MAGNIFICATION	20X	24X	28X
APERTURE	30mm	36mm	36mm
WORKING RANGE	200'	300'	400'
LEVEL ACCURACY	1/8" @ 100'	1/16" @ 150'	1/16" @ 200'
ANGLE ACCURACY	1°	1°	1°
DIMENSIONS	7.5 x 5.1 x 5.35"	7.5 x 5.1 x 5.35"	7.5 x 5.1 x 5.35"
WEIGHT	3.96 lbs	3.96 lbs	3.96 lbs
TRIPOD CONNECTING SIZE	5/8 x 11	5/8 x 11	5/8 x 11

FEATURES

Ultra-bright clear optics

Continuous tangent screw on both sides of instrument

Horizontal circle for turning angles

Rugged metal housing

Wire hung air-dampened compensator

Consistent stadia

Mounts to flat-head or dome-head tripod

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LASERLINE MFG., INC.

LEVELS

DEALER PRICE LIST • APRIL 2005

AL SERIES AUTOMATIC LEVEL FEATURES

Ultra-bright clear optics

Continuous tangent screw on both sides of instrument

Horizontal circle for turning angles

Rugged metal housing

Wire hung air-dampened compensator

Constant stadia

Mounts to flat-head or dome-head tripod

ITEM	LIST	DEALER COST - ANY QUANTITY
AL 20X-D	$295.00	$147.50
AL 24X-D	$325.00	$162.50
AL 28X-D	$355.00	$177.50

AL SPECIFICATIONS

	AL20	AL24	AL28
MAGNIFICATION	20X	24X	28X
APERTURE	30mm	36mm	36mm
WORKING RANGE	200'	300'	400'
LEVEL ACCURACY	1/8" @ 100'	1/16" @ 150'	1/16" @ 200'
ANGLE ACCURACY	1°	1°	1°
DIMENSIONS	7.5 x 5.1 x 5.35"	7.5 x 5.1 x 5.35"	7.5 x 5.1 x 5.35"
WEIGHT	3.96 lbs	3.96 lbs	3.96 lbs
TRIPOD CONNECTING SIZE	5/8 x 11	5/8 x 11	5/8 x 11

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